

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: **Pulali Point Forest Practice Application.**

2. Name of applicant: **Chief Seattle Council, Boy Scouts of America (the "Council").**

3. Address and phone number of applicant and contact person:

**Mark Hunter
P. O. Box 440408,
Seattle, Washington 98114
(206) 902-2317**

4. Date checklist prepared: **June 14, 2003**

5. Agency requesting checklist: **Washington Department of Natural Resources (DNR)**

6. Proposed timing or schedule (including phasing, if applicable): **August/September/October, 2003.**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **The Council will continue to use the area for outdoor recreation.**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

- The Council has prepared a Forest Health Report (Nov. 14, 2002), an Assessment of Potential Impacts to Hydrology, Water Resources, and Slope Stability (June 2003) [hereinafter referred to as "Hart Crowser/Pentec"], and an Eagle Management Plan (June 2003), which have been submitted to DNR in support of the proposed action.
- The Pulali Landowners Association has procured a plant pathology report and a hydrology memorandum in connection with the proposed action.
- The Washington Department of Agriculture has prepared an investigation and report of no further action warranted in response to allegations by Pulali Point residents Mark Rose and Kirie Pedersen that the Council conducted unauthorized pesticide spraying on the site in 2002.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. No. There are no other pending government approvals for proposed action on the property.

10. List any government approvals or permits that will be needed for your proposal, if known. The proposal requires a forest practices application (FPA) and an road maintenance and abandonment plan (RMAP) approved by DNR. The FPA and RMAP are submitted with this checklist.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The subject property is approximately 124 acres owned by the Council.

Of this area, approximately 110 acres of forest land are the subject of a forest practices permit. Within the permit area, there are three no-cut buffers consisting of (1) a 6.5 acre corridor for a seasonal Type 5 stream and associated forested wetlands, (2) 12 acres of forested buffer in the southeast quarter of the unit containing many of the remnant older trees found on the site and abutting residential property along the Dabob Bay shoreline, and (3) approximately 5 acres within the inner 400 foot eagle management plan circle and adjacent shoreline property surrounding an eagle nest tree. The 23.5 acres of permit buffers plus 14 acres of forest on the subject property but excluded from the project area constitute a total 37.5 acres or approximately 30 percent of the subject property that will not be subject to any tree removal or road building under the proposal.

In addition to the proposed buffers and areas excluded from harvest, the Council will also add a no-cut and no yarding buffer of 150 feet from the top of existing beach bluff landslides in the northeast quarter of the project area, as recommended by consulting geologists. Hart Crowser/Pentec p. 25.

Within the area that will be subject to tree harvest, 13 acres are within the outer 800-foot eagle management plan circle and will be managed as a light-cut buffer. Within the outer eagle circle, the proposal will remove a perimeter of trees surrounding pockets of dead and dying douglas fir infected with root rot. Outside of the root rot pockets, trees within the outer eagle circle will be thinned subject to a limit on removal at 20 percent of volume and no less than 150 trees per acre. Of the remaining 73.5 non-buffered acres within the permit area, the proposal calls for patch-cut removal of dead and dying douglas fir within roughly 35 acres of root rot dominated areas and thinning to a density of approximately 150 trees per acre on 38 acres of what appears to be healthy forest. In total, approximately 40.5 acres or 33 percent of the subject property will be treated for root rot using patch cut or perimeter cut harvest and 46 acres or 37 percent of the subject property will be treated using thinning of healthy forest stands.

In the healthy forest stands planned for treatment, thinning will achieve spacing of approximately 17 feet between trees to achieve a density of approximately 150 trees per acre. All yarding will be done using low ground pressure, rubber tire equipment. An existing logging road and landing will be used for harvest of 14 acres on the north end of the operating area. The remainder of the harvest area will be accessed using an existing logging road that will be extended south along the axis of Pulali Point. At least four landings will be

used along the access road at intervals that will minimize yarding distances. The road surface will be existing mineral earth, with rocking when appropriate.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. About 1½ miles north on the Point Whitney County Road off of Highway 101 in Section 18, Township 26N, RIW W.M. The area is also known as Pulali Point, a peninsula that divides Dabob Bay and Jackson Cove on the western shore of Hood Canal, Jefferson County, Washington.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other The site is hilly, and is bounded by steep slopes at the margins of the site. The terrain is described in more detail in the Hart Crowser/Pentec at pp. 5-10. *Geo-Tech report dated 6/23/03*
- b. What is the steepest slope on the site (approximate percent slope)? The steepest slope on site is 75 percent or about 47 degrees, but no logging operations or road building will occur on steep slopes under the proposal.
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. The soil types for the site are described in Hart Crowser/Pentec at pp. 5-10.
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. The location and condition of unstable soils in the vicinity are described in Hart Crowser/Pentec at pp. 18-20.
- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. Does not apply.
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. As explained in Hart Crowser/Pentec at pp. 22-26, erosion is not likely to occur as a result of the proposal. In accordance with the DNR-approved RMAP for the site, water bars will be used as needed and roads will be maintained consistent with best management practices.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? Does not apply. Primitive forest roads will be used for harvest and subsequent landowner use. Approximately 750 feet of existing primitive road will be re-opened and about 1,300 feet of new forest road will be cleared to the existing mineral surface.
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: In accordance with the RMAP for the property, water bars, straw bales and grass seeding will be used on roads when necessary. Approximately 500 feet of orphan road paralleling the Dabob Bay shoreline north of the Navy property on government lot 6 will be abandoned and reforested. A blocked culvert in the Navy access road and draining a wet area southwest of the Navy property will be replaced. Substantial forested buffers will remain untouched along the eastern margin of the unit where a small forested wetland lies within the 400-foot no cut circle around an eagle nest tree. Additionally, a 6.4 acre no cut buffer will be maintained around a forested wetland and Type 5 water course on site. Finally, forest thinning will retain healthy cedar and deciduous trees, and much of the existing stand of healthy douglas fir. Reforestation will be implemented within patch-cut root rot centers.

2. Air.

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. **Exhaust from logging related machinery, i.e., loaders, skidders, log trucks for approximately 2 months, plus possible burning of logging slash in place.**
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. **Does not apply.**
- c. Proposed measures to reduce or control emissions or other impacts to air, if any: **Operational mufflers on all vehicles.**

3. Water

a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. **One Class 5 stream with associated forest wetland (about 6.4 acres); seasonal Type 5 flows into Hood Canal. A smaller forested wetland also lies immediately to the southwest of the Navy property on government lot 6.**
- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. **Work will occur within 200 feet of a Type 5 stream and associated forest wetland, but the stream and wetland will be protected by a 6.4 acre no-cut buffer that exceeds forest practices regulation requirements. The small forested wetland to the southwest of the Navy property lies within a 400-foot no-cut buffer around an eagle nest tree.**
- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. **Does not apply.**
- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. **Does not apply.**
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. **Does not apply.**
- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. **No.**

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. **No.**
- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. **Does not apply.**

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. **The hydrology and drainage for the site are described in Hart Crowser/Pentec at pp. 10-18, 20-23, 25. As**

explained in Hart Crowser/Pentec, the proposal is not expected to alter surface hydrology, and any effects on groundwater are temporary and insignificant. Forest roads will be maintained consistent with the DNR-approved RMAP and using best management practices. If possible, the proposed operation would be conducted in the dry season.

- 2) Could waste materials enter ground or surface waters? If so, generally describe. **The proposal will not generate waste materials. Forest litter (branches, twigs, needles) is expected to remain on site and is not likely to enter surface or ground waters.**

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: See response above to question B.1.h.

4. Plants

a. Check or circle types of vegetation found on the site:

- ☒ **Yes** deciduous tree: alder, maple, aspen, other **alder and maple**
☒ **Yes** evergreen tree: fir, cedar, pine, other **fir, cedar and hemlock**
☒ **Yes** shrubs
☒ **Yes** grass
☐ pasture
☐ crop or grain
☒ **Yes** wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other **In buffered forest wetland area.**
☐ water plants: water lily, eelgrass, milfoil, other
☐ other types of vegetation

b. What kind and amount of vegetation will be removed or altered? **Up to 578,000 board feet of timber, primarily douglas fir, will be removed from the site. Much of the volume removed will be dead, dying, or at-risk trees from laminated root rot centers. Douglas fir within the root rot centers will be patch-cut and the cut areas will be reforested with species that are root rot tolerant.**

c. List threatened or endangered species known to be on or near the site. **A bald eagle nesting site is located east of Council's ownership.**

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: **Consistent with the attached Forest Health Report prepared for the Council, root-rot tolerant trees will be used for reforestation in the root rot infected pockets of douglas fir that are patch cut under the proposal.**

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other: **hawk, eagle, songbirds**
mammals: deer, bear, elk, beaver, other: **deer**
fish: bass, salmon, trout, herring, shellfish, other: **shellfish (offsite)**

b. List any threatened or endangered species known to be on or near the site. **Bald Eagle nest east of the site.**

c. Is the site part of a migration route? If so, explain. **Migratory birds may use the site.**

d. Proposed measures to preserve or enhance wildlife, if any: **The proposal will be implemented subject to an Eagle Management Plan approved by the Washington Department of Fish and Wildlife and submitted in support of the forest practices application.**

PLAN dated 7/23/03 

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. **Petroleum fuel for the logging equipment will be used on site.**
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. **Probably not. The proposal may enhance the potential use of solar energy on adjacent property due to removal of diseased trees and the thinning of healthy trees, but the property will remain forested.**
- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: **None.**

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. **The proposed action is not likely to result in environmental hazards. However, the proposal will remove dead and dying trees that pose a safety risk to pedestrians on site and automobiles traveling a road adjacent to the site.**

1) Describe special emergency services that might be required. **Injury in logging operations or fire suppression.**

2) Proposed measures to reduce or control environmental health hazards, if any: **Remove dangerous dead, dying, and defect trees along existing trails and roads to protect the site users and the public.**

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? **Limited activity; area is in a rural setting.**
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. **The proposal will result in normal engine noise caused by machine yarding of logs, loading and transporting of logs by truck. Approximate hours of operation are 6 AM to 3 PM.**

3) Proposed measures to reduce or control noise impacts, if any: **Use of approved muffler systems.**

8. Land and shoreline use

- a. What is the current use of the site and adjacent properties? **Undeveloped forest land.**
- b. Has the site been used for agriculture? If so, describe. **No.**
- c. Describe any structures on the site. **Does not apply.**
- d. Will any structures be demolished? If so, what? **Does not apply.**
- e. What is the current zoning classification of the site? **Most of the site is zoned rural residential with one dwelling per 20-acre parcel, but small portions of the site are zoned rural residential with one dwelling per 5 acre parcel.**
- f. What is the current comprehensive plan designation of the site? **Same as Jefferson County zoning.**
- g. If applicable, what is the current shoreline master program designation of the site? **Not applicable.**

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. **A portion of the site is within 800 feet of a bald eagle nest tree. A portion of the site is a forested wetland and Type 5 seasonal water course. The site also includes a small wet area southwest of the Navy property. Finally, Council property outside the boundaries of the proposed FPA includes beach-bluff landslides. All of these areas are protected by no-cut buffers under the proposal.**
- i. Approximately how many people would reside or work in the completed project? **None.**
- j. Approximately how many people would the completed project displace? **None.**
- k. Proposed measures to avoid or reduce displacement impacts, if any: **Does not apply.**
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: **The proposal does not change the existing land use and it does not foreclose any projected land use.**

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. **Does not apply.**
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. **Does not apply.**
- c. Proposed measures to reduce or control housing impacts, if any: **Does not apply.**

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? **Does not apply.**
- b. What views in the immediate vicinity would be altered or obstructed? **The proposal will not obstruct any views. The proposal will result in more forest openings with younger trees.**
- c. Proposed measures to reduce or control aesthetic impacts, if any: **The proposal is not a clear-cut. Healthy forest stands will remain on site with lower density and large no-cut forested buffers will remain on site.**

11. Light and glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? **The proposal could result in an temporary increase in vehicles lights early in the morning or late at night.**
- b. Could light or glare from the finished project be a safety hazard or interfere with views? **Not likely.**
- c. What existing off-site sources of light or glare may affect your proposal? **Does not apply.**
- d. Proposed measures to reduce or control light and glare impacts, if any: **Does not apply.**

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity? **Hiking, camping, wildlife viewing.**
- b. Would the proposed project displace any existing recreational uses? If so, describe. **No. The proposal is designed to enhance recreational use of the site.**
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: **Recreational safety will be improved by the removal of dead, dying, and defect trees.**

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. **The site does not contain places or objects listed or proposed for listing on public preservation registers.**
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. **The proposal will be implemented on property that was added to Boy Scout Camp Parsons in 1995. Camp Parsons was established as a boy scout camp in 1919 and it is among the oldest boy scout camps in the United States. Prior to the establishment of a boy scout camp, Camp Parsons was a logging camp. The proposed timber harvest site appears to have been burned in the 1920s and logged in approximately 1938. A portion of the site was logged again in the 1980s, before the property was acquired by the Council.**
- c. Proposed measures to reduce or control impacts, if any: **Does not apply.**

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. **The site is accessible via county roads leading from U.S. Highway 101 in Jefferson County. From highway 101, the site is accessible via Bee Mill Road, Pt. Whitney Road, and Pulali Point Road.**
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? **No.**
- c. How many parking spaces would the completed project have? How many would the project eliminate? **Does not apply.**
- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). **The proposal will not require changes to public roads. For private roads, the proposal will recondition about 750 feet of existing primitive forest road and clear approximately 1300 feet of new forest road with existing on-site mineral soils as a running surface.**
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. **Does not apply.**
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. **Does not apply.**
- g. Proposed measures to reduce or control transportation impacts, if any: **Does not apply.**

15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. **The proposal is not expected to change the need for public services in the area.**

b. Proposed measures to reduce or control direct impacts on public services, if any. **There are no expected changes in public services.**

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. **Electricity and telephone.**

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. **None proposed for the project.**

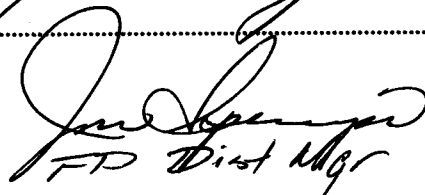
C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Date Submitted: **JULY 2, 03**

Reviewed:


FD Dist Mgr

8/8/03